

In the specification:

Page 3, first paragraph in lines 1-4, amend as follows:

Despite this, there are no today convincing solutions for doping with laser-active ions (rare earths with erbium, ~~neodym~~neodymium, ytterbium) for accumulated radiation doses of 50-200 kRAD, which occur during long-time space applications or undersea cables.

Page 3, in line 5-7, amend as follows:

The firm ~~Schott~~Schott suggested passive glasses with ~~Cer~~Ce-codoping which are not however doped with laser-active ions. These glasses have a relatively low absorptions induced by radiation.

Page 5, amend the paragraph in lines 9-12, as follows:

The invention can be used for all laser-active ions in fibers of ~~neodym~~neodymium (Nd), erbium (Er), thulium (Tm), holmium (Ho), ytterbium (Yb), ~~praseodym~~praseodimium (Pr), and for all fiber initial materials, such as silicate glass, quartz, fluoride glass.